



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**PGT Industries
1070 Technology Drive
Nokomis, FL 34275**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "SGD-2500" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. 757, titled "Aluminum Sliding Glass Door", sheets 1 through 9 of 9, prepared by manufacturer, dated 7/17/01 and last revised on 5/06/03, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA # 02-0701.03 and consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

8/8/3



**NOA No 03-0123.08
Expiration Date: May 22, 2008
Approval Date: May 29, 2003
Page 1**

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. 757, titled "Aluminum Sliding Glass Door", sheets 1 through 9 of 9, prepared by manufacturer, dated 7/17/01 and last revised on 5/06/03, signed and sealed by Robert L. Clark, P.E.

B. TESTS (Test conducted per PA 202-94 now called TAS 202-94)

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Test Report No. FTL 01083(FTL3102), dated 6/18/01, signed and sealed by Luis Figueredo, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Test Report No. FTL 01084 (FTL-3116) dated 6/19/01, signed and sealed by Luis Figueredo, P.E.
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Test Report No. FTL 01085 dated 6/19/01, signed and sealed by Luis Figueredo, P.E.
4. Additional test report No. FTL-3596 (FTL02080) for XXX configuration.

C. CALCULATIONS

1. Comparative analysis and performance analysis dated 1/17/03, prepared, signed and sealed by Robert L. Clark, P.E.

D. MATERIAL CERTIFICATIONS

1. None

E. STATEMENTS

1. Statement letter of conformance, and "No financial interest" dated 1/7/03, signed and sealed by Robert L. Clark, P.E.
2. Laboratory compliance letter, as part of Test Report no. FTL 01083, 01084, 01085, issued by Fenestration Testing Laboratory.

F. OTHER

1. This NOA revises and renews NOA 02-0701.03, expiring May 22, 2003.
2. Previous related NOA# 00-0301.03 & Additional reference NOA # 02-0702.09.
3. This file has been reviewed by Pistorino & Alam Consulting Eng. Inc & BCCO.

Ishaq I. Chanda

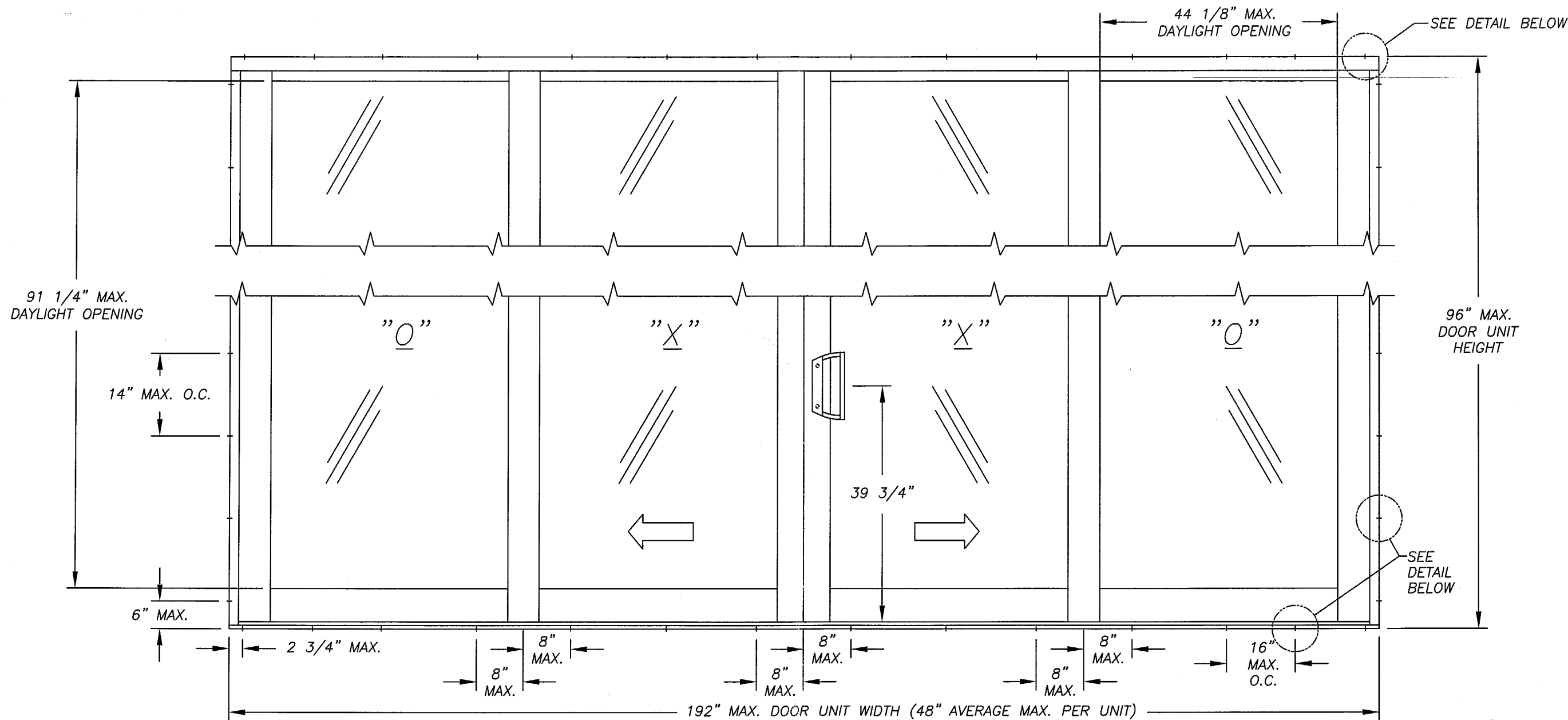
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 03-0123.08

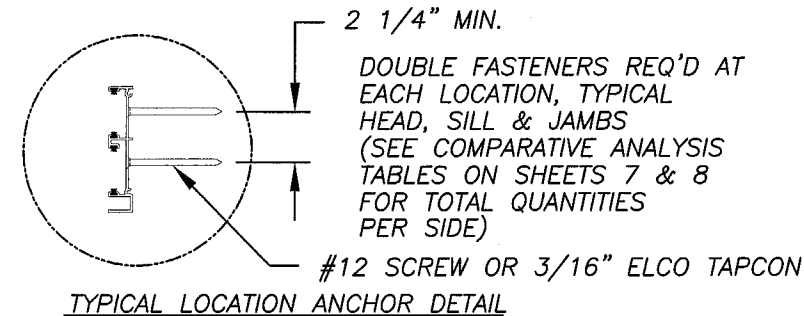
Expiration Date: May 22, 2008

Approval Date: May 29, 2003



NON-IMPACT SLIDING GLASS DOORS

- 1.) GLAZING: 1/4" TEMPERED & 3/16" TEMPERED (SEE COMPARATIVE ANALYSIS TABLES)
- 2.) CONFIGURATIONS: OX, XX, XO, OXO, OXX, XXX, OXXO, OXXX, XXXX
- 3.) TEST REPORTS & RESPECTIVE DESIGN PRESSURE RATING: SEE COMPARATIVE ANALYSIS TABLES ON SHEETS 7 & 8.
 - a.) FTL-3102, +60 P.S.F., -60 P.S.F. W/ 1/4T GLASS & ALUMINUM REINFORCEMENT
 - b.) FTL-3116, +50 P.S.F., -50 P.S.F. W/ 3/16T GLASS & ALUMINUM REINFORCEMENT
 - c.) FTL-3117, +35 P.S.F., -35 P.S.F. W/ 3/16T GLASS & NO REINFORCEMENT
- 4.) ANCHORAGE: DOUBLE ANCHORS PER LOCATION AS FOLLOWS:
 - HEAD & SILL - 2 3/4" MAX. FROM EACH CORNER
8" MAX. FROM EACH MEETING RAIL CENTERLINE
16" MAX. O.C. OTHERWISE
 - JAMBS - 6" MAX. FROM EACH CORNER
14" MAX. O.C.
- 5.) SHUTTER REQUIREMENT: HIGH VELOCITY ZONE (HVZ) SHUTTERS ARE REQUIRED.
- 6.) ALL FRAME CORNERS & PANELS SEALED WITH SCHNEE/MOREHEAD SEALANT.
- 7.) SILL RISER TO BE ATTACHED MAX. 12" FROM END AND 24" ON CENTER.

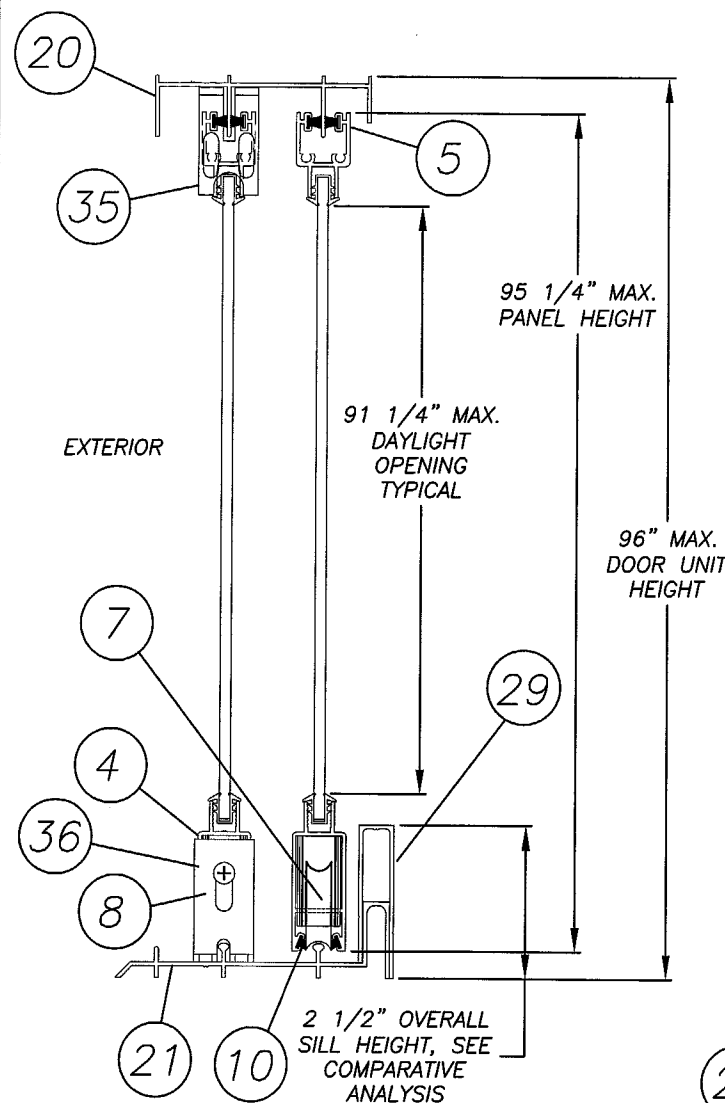


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0123.08
Expiration Date 04/22/2008
By Isaac J. Chanda
Miami Dade Product Control
Division

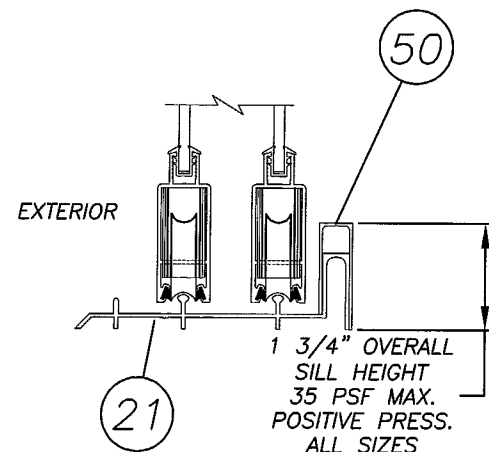
Robert L. Clark
5/6/03
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: F.K.	Date: 7/17/01	Revsd By: F.K. D	Date: 4/22/03	Revisions:	VARIOUS NOTATIONS
Description: ELEVATION & NOTES					
Title: ALUMINUM SLIDING GLASS DOOR					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SGD-2500	Scale: NTS	Sheet: 1 of 9	Drawing No. 757
					Rev: D

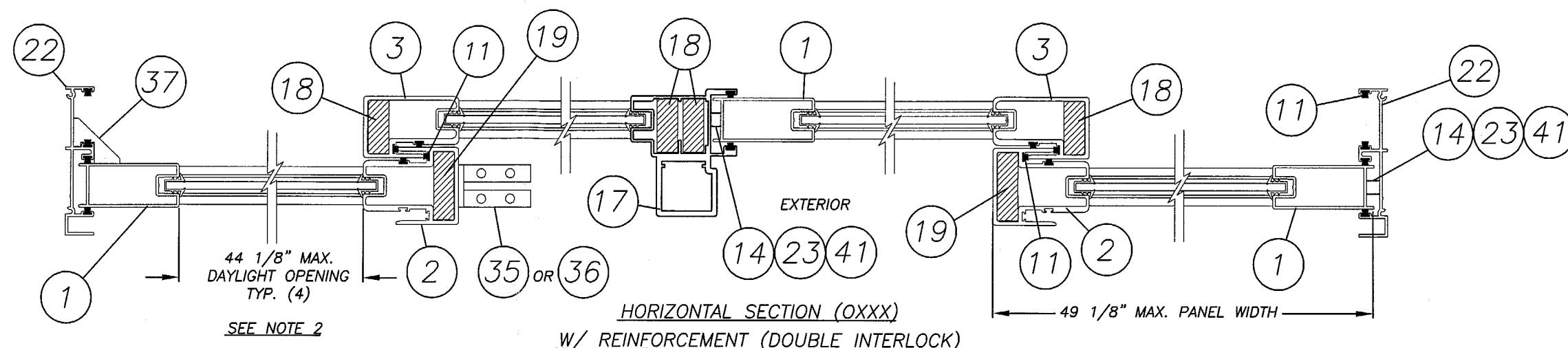


VERTICAL SECTION (OXXO)

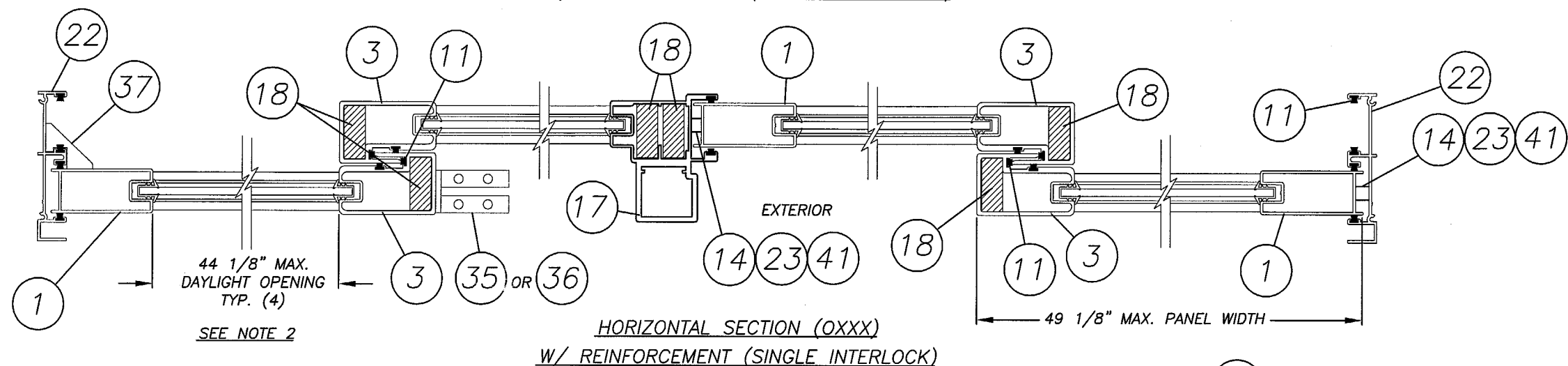


VERTICAL SECTION (XXXX)

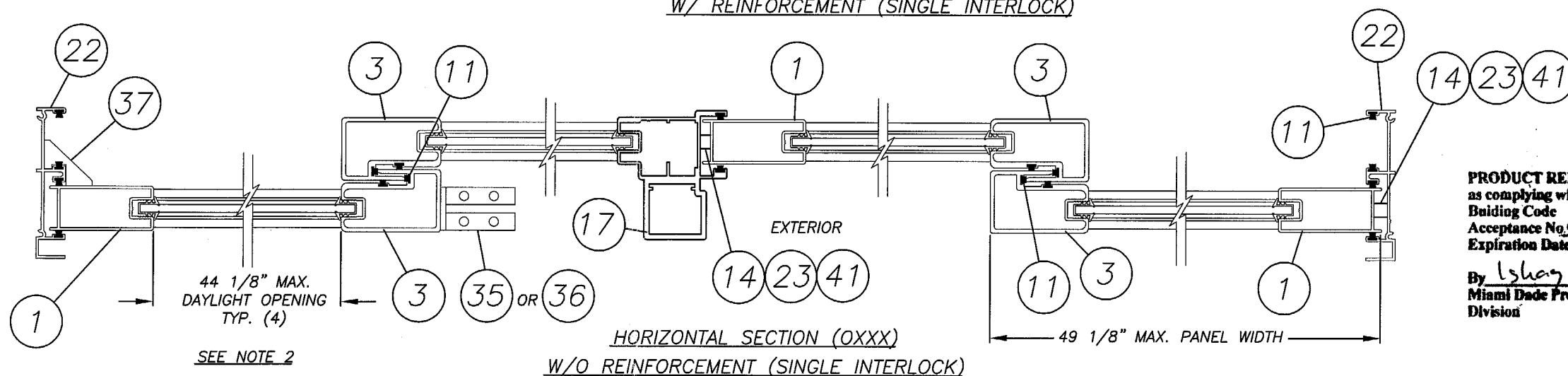
- NOTES:**
1. OXXX HORIZONTAL CONFIGURATIONS SHOWN
 2. THE FIXED PANEL DETAIL IS SIMILAR AT OPPOSITE END FOR "OXXO" CONFIGURATIONS.
 3. REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3117, FTL-3596



HORIZONTAL SECTION (OXXX)
W/ REINFORCEMENT (DOUBLE INTERLOCK)



HORIZONTAL SECTION (OXXX)
W/ REINFORCEMENT (SINGLE INTERLOCK)



HORIZONTAL SECTION (OXXX)
W/O REINFORCEMENT (SINGLE INTERLOCK)

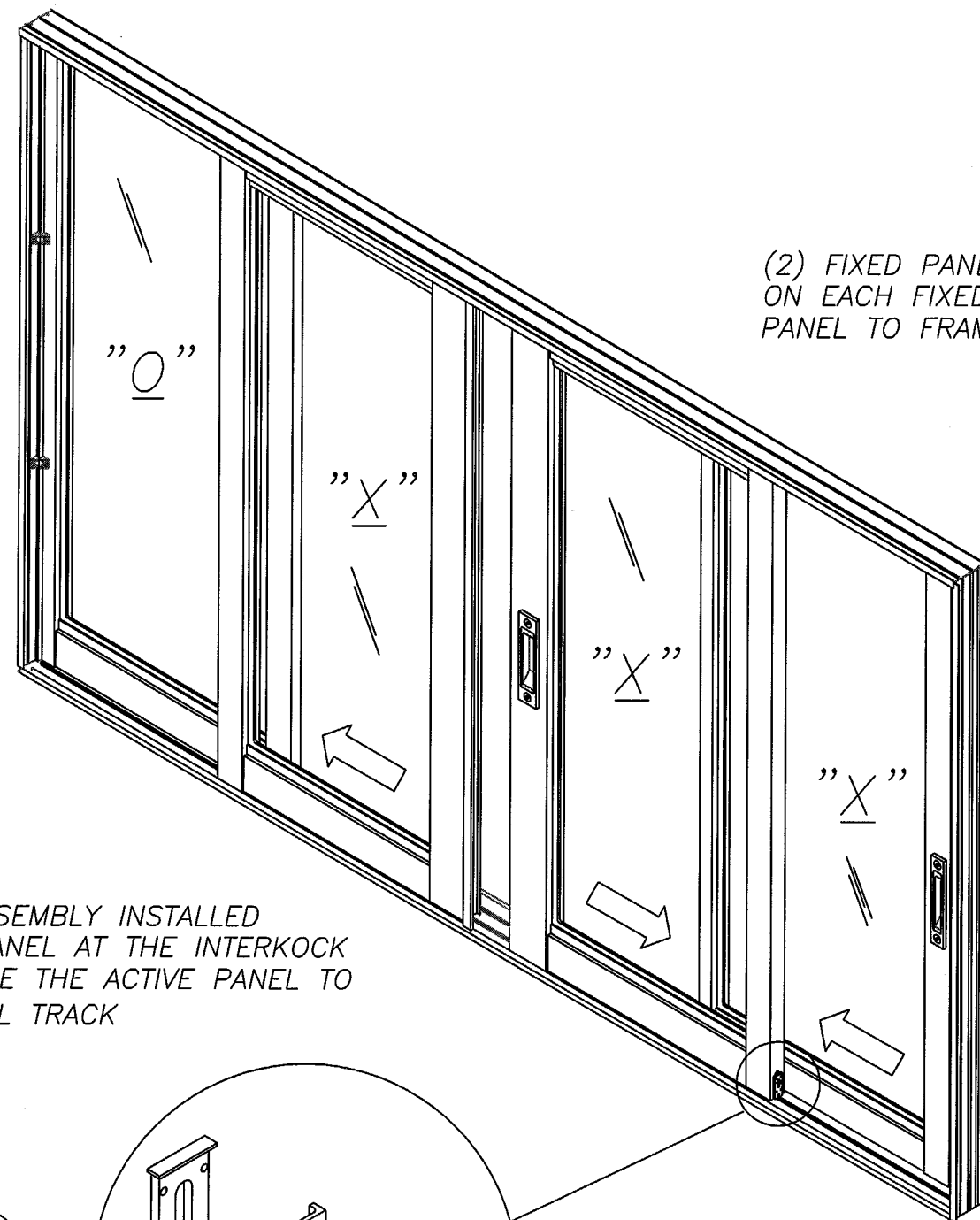
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0123-08
Expiration Date 12/14/22, 2008
By Ishay I. Chandra
Miami Dade Product Control
Division

Robert L. Clark
5/6/03

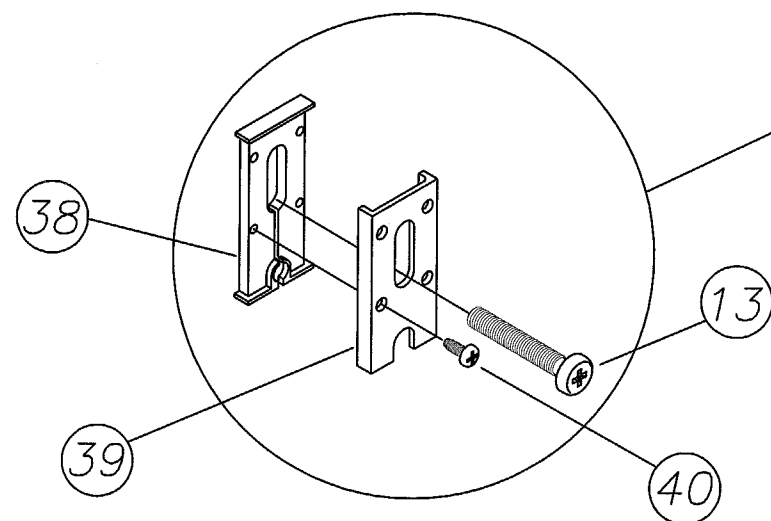
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PE #39712
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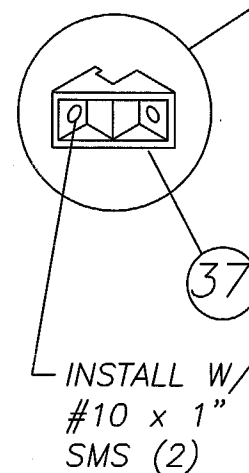
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Drawn By: WDR	Date: 5/2/01	F.K. D	5/2/03	CORRECT SECTIONS	
Description: HORIZONTAL & VERTICAL SECTIONS					
Title: ALUMINUM SLIDING GLASS DOOR					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SGD-2500	Scale: NTS	Sheet: 2 of 9	Drawing No. 757
					Rev: D



(1) TRACK CLIP ASSEMBLY INSTALLED ON EACH ACTIVE PANEL AT THE INTERLOCK POSITION TO SECURE THE ACTIVE PANEL TO IT'S RESPECTIVE SILL TRACK



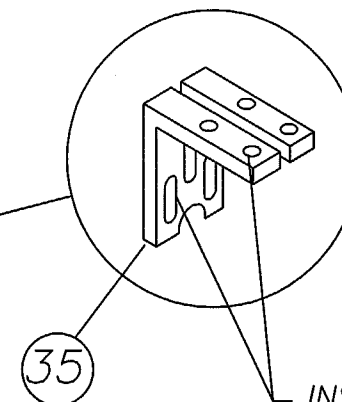
(2) FIXED PANEL BRACKETS INSTALLED ON EACH FIXED PANEL TO ATTACH FIXED PANEL TO FRAME JAMB



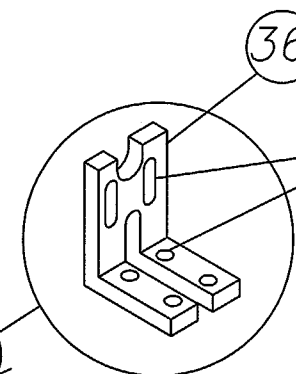
63 1/4"

32"

(1) FIXED PANEL CLIP (TOP) INSTALLED ON EACH FIXED PANEL AT THE INTERLOCK POSITION TO ATTACH FIXED PANEL TO FRAME HEAD



INSTALL W/ #10 x 1" SMS (6)



INSTALL W/ #10 x 1" SMS (6)

(1) FIXED PANEL CLIP (BOTTOM) INSTALLED ON EACH FIXED PANEL AT THE INTERLOCK POSITION TO ATTACH FIXED PANEL TO FRAME SILL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0123.08
Expiration Date 12/4/22, 2008
By Ismael L. Chancé
Miami Dade Product Control
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Robert L. Clark
5/6/03

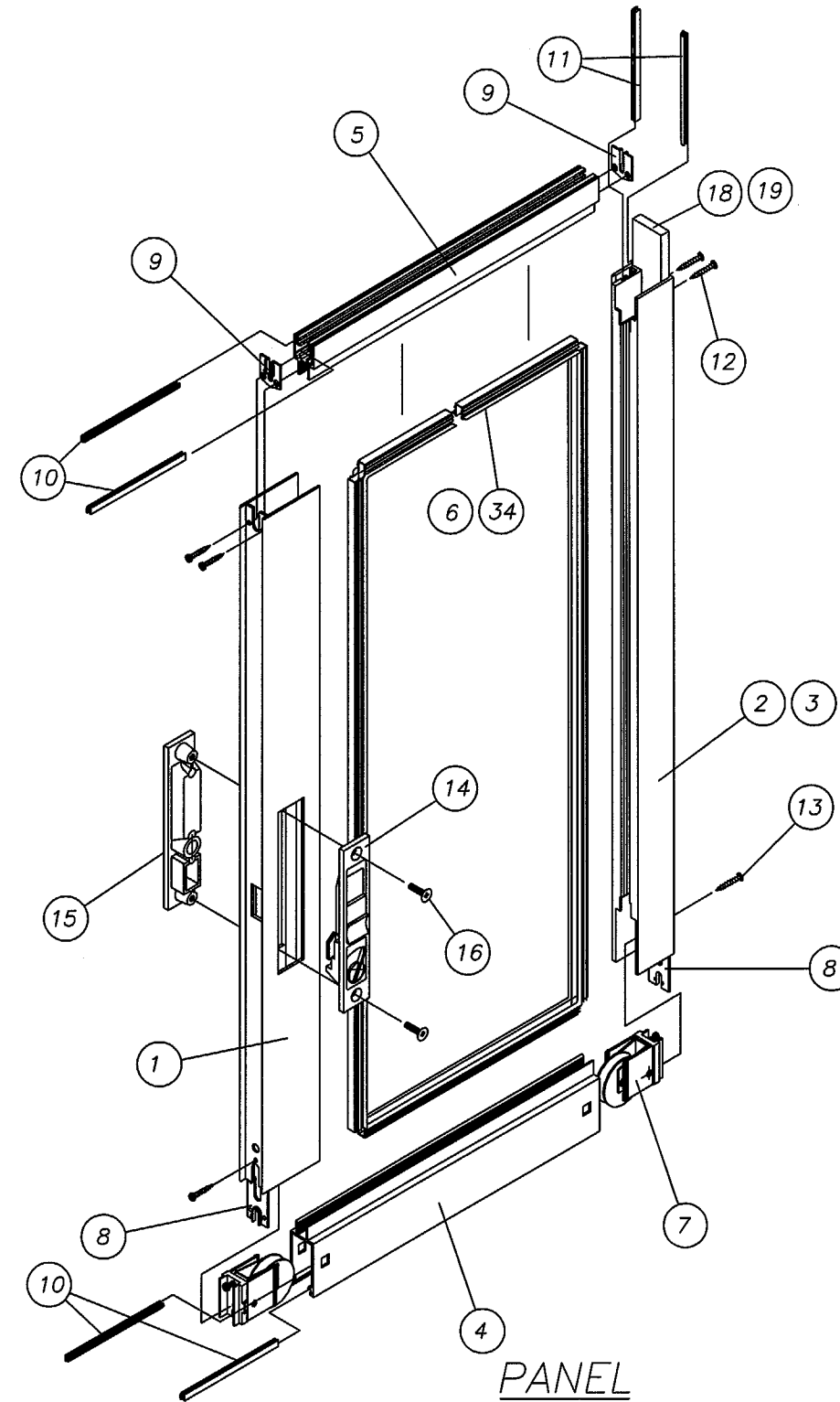
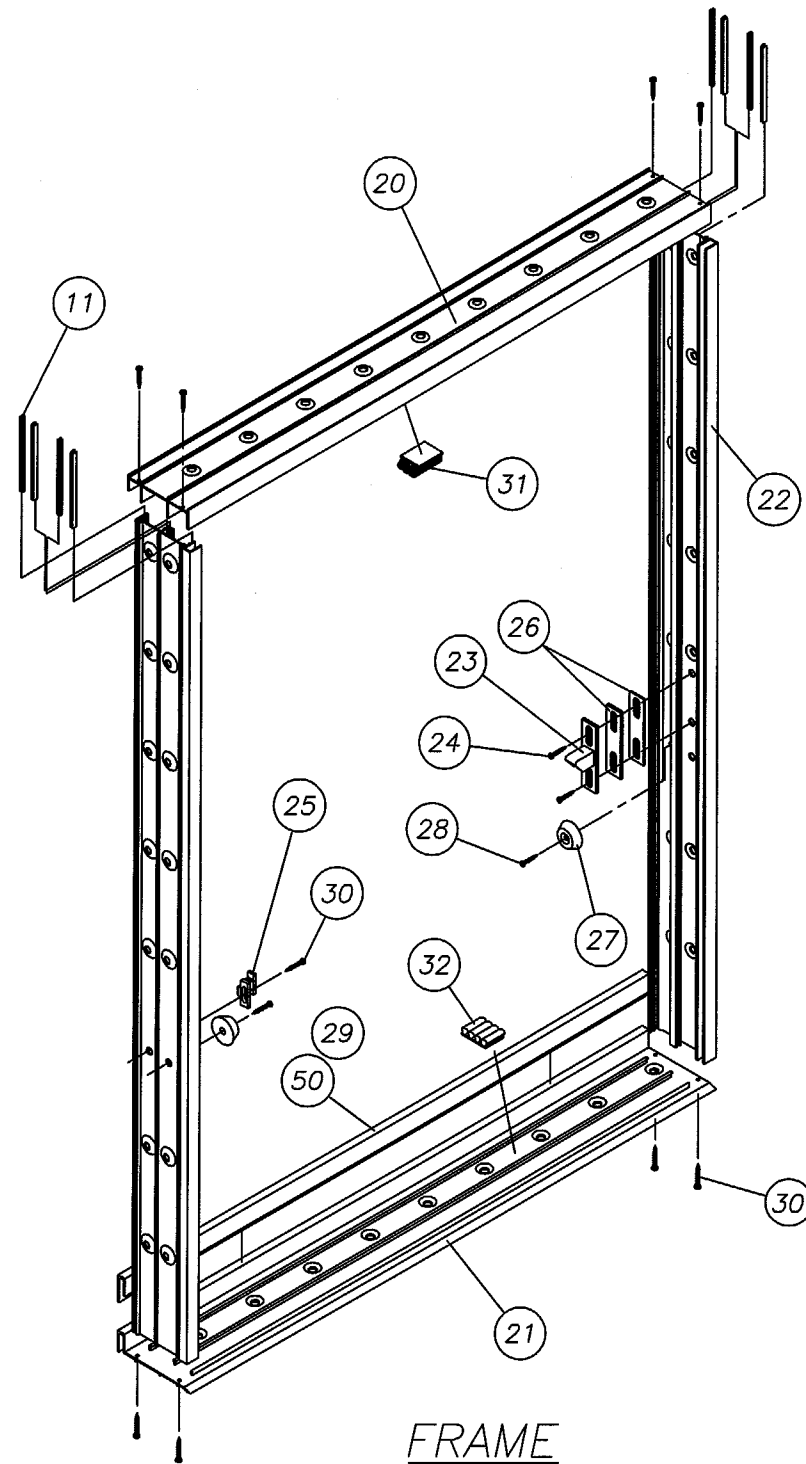
PGT
INDUSTRIES

Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: F.K.	Date: 7/9/01	F.K. D	5/2/03	CORRECT NOTATIONS	
Description: OXXX CLIP & BRACKET ASSEMBLY VIEWS					
Title: ALUMINUM SLIDING GLASS DOOR					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SGD-2500	Scale: NTS	Sheet: 3 of 9	Drawing No. 757

REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3117, FTL-3596

Robert L. Clark, P.E.
PE #39712
Structural

Rev:
D



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Building Code
Acceptance No. 03-012308
Expiration Date MAY 22, 2008
By (Shag) L. Chanok
Miami Dade Product Control
Division

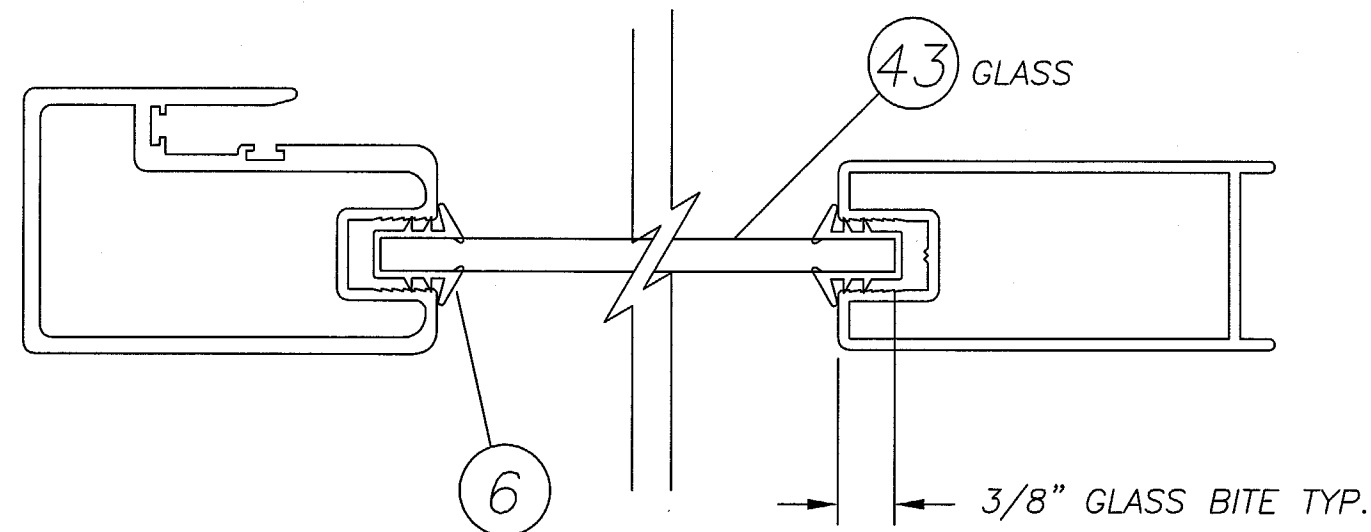
REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3117, FTL-3596

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PE #39712
Structural

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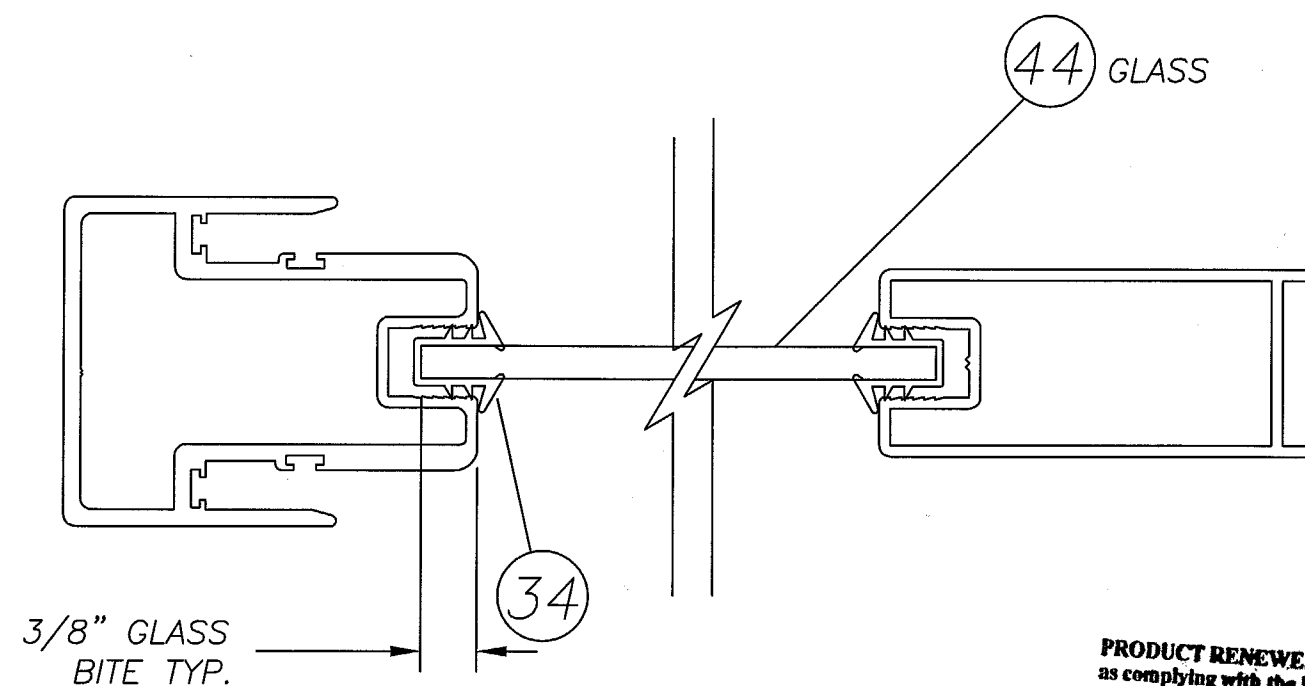
Rev'd By:	Date:	Rev'd By:	Date:	Revisions:	
Drawn By:	F.K.	Date:	5/2/03	Rev'd By:	Date:
				F.K. D	4/22/03
Description:	PANEL & FRAME ASSEMBLIES				
Title:	ALUMINUM SLIDING GLASS DOOR				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model:	SGD-2500	Scale:	Sheet:
				NTS	4 of 9
				Drawing No.	757
				Rev:	D

ITEM	DESCRIPTION	PGT PN	VENDOR	VENDOR #
1	Lockstile / Jamb Stile	69362	Keymark	676
2	Double Interlock	69494	keymark	817
3	Interlock	69409	keymark	677
4	Bottom Rail	6707	Keymark	1359
5	Top Rail	68172	Keymark	667
6	Glazing Vinyl (for 3/16" Glass)	6T304K	Team Plastics	
7	Wheel Assembly	7S-24Z	Nationwide Industries	
8	Plastic Bottom Panel Guide	41802	PGT Industries, Inc.	
9	Plastic Top Panel Guide	41801	PGT Industries, Inc.	FS7831-187
10	.320 x .187 Wstp - Pile	6FELTK	Schlegel	FS7819-187
11	.200 x .187 Wstp - Pile	62003K	Schlegel	
12	#10 x 3/4 Top Rail Assy. Ph. Pan SMS	71034A	Fastec Ind.	1127
13	1/4-20 x 1 1/4 Lg. Bot. Rail Assy. Screw	71420X125	Spencer Products	71420X125PPMSX
14	Latch Assy - Lock Side	7LOCKK	Nationwide Industries	
15	Latch Assy. - Dummy Side	7DUMY	Nationwide Industries	
16	#10-32 x 7/8 Latch Scr., Ph. Fl. SMS	71078	Fastec Ind.	1135
17	Heavy Duty Astragal	69492	Keymark	1132
18	Alum. Reinforcement, Astragal & Single Interlock (full length)	612FBX	Indalex	31324
19	Alum. Reinforcement, Double Interlock (full length)	6755M	Keymark	1364
20	Frame Head	68179	Keymark	664
21	Frame Sill	68181	Keymark	665
22	Frame Jamb	68180	Keymark	
23	Latch Keeper	7SDKEEP	Nationwide Industries	
24	#8 x 1/2 Tr. Ph. SMS	78X12TSAZ	Fastec Ind.	1137
25	Screen Keeper	41804	PGT Industries, Inc.	
26	Latch Keeper Spacers	41818K	PGT Industries, Inc.	
27	Jamb Bumper	72087K	Eastcoast Rubber & Plastic	
28	#6 x 5/16 Ph. Pan SMS	7PPBAA	Fastec Ind.	1138
29	Adapter, 2 1/2" Hi-rise, Sill	69371	Keymark	834
30	#5 x 1/2 Ph. Pan SMS	76X12A	Spencer Products	1136
31	Header Dust Plug - High Pile	7P69GG	Ultrafab Inc.	P6903G
32	Sill Dust Plug - Low Pile	7P30GG	Ultrafab Inc.	P3004G
33	#8 x 3/4	7834AA	Spencer Products	
34	Glazing Vinyl (for 1/4" Glass)	614GLK	Team Plastics	
35	Fixed Panel Clips (TOP)	7LA13A	D&B	717
36	Fixed Panel Clips (BOTTOM)	7717FPCA	D&B	718
37	Fixed Panel Bracket	41814	PGT Industries, Inc.	646
38	Track Clip Guide	41754	PGT Industries, Inc.	754
39	Track Clip Cover	6756	Keymark	756
40	#6 - 3/8" Ph. PH Tek Screw	7638T2	Spencer Products	
41	Mortice Lock Assembly H/Cy	70288K	Truth	
43	3/16" Tempered Glass		PPG. LOF	
44	1/4" Tempered Glass		PPG. LOF	
45	Screen Frame	68980	Keymark	AF-8980
47	#12 x 2" FH SCREW		Spencer Products	
49	3/16" x 2 1/2" TAPCON		Elco Textron, Inc.	
50	Sill Adapter, 1 3/4"	68313	Keymark	732



SEE NOTE 1.

3/16" TEMPERED GLASS



1/4" TEMPERED GLASS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 05-0123.08
Expiration Date May 22, 2008
By Ishag I. Chanda
Miami Dade Product Control
Division

NOTES:

- FULL LENGTH REINFORCEMENTS = DOOR HEIGHT MINUS 5"
- REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3117, FTL-3596

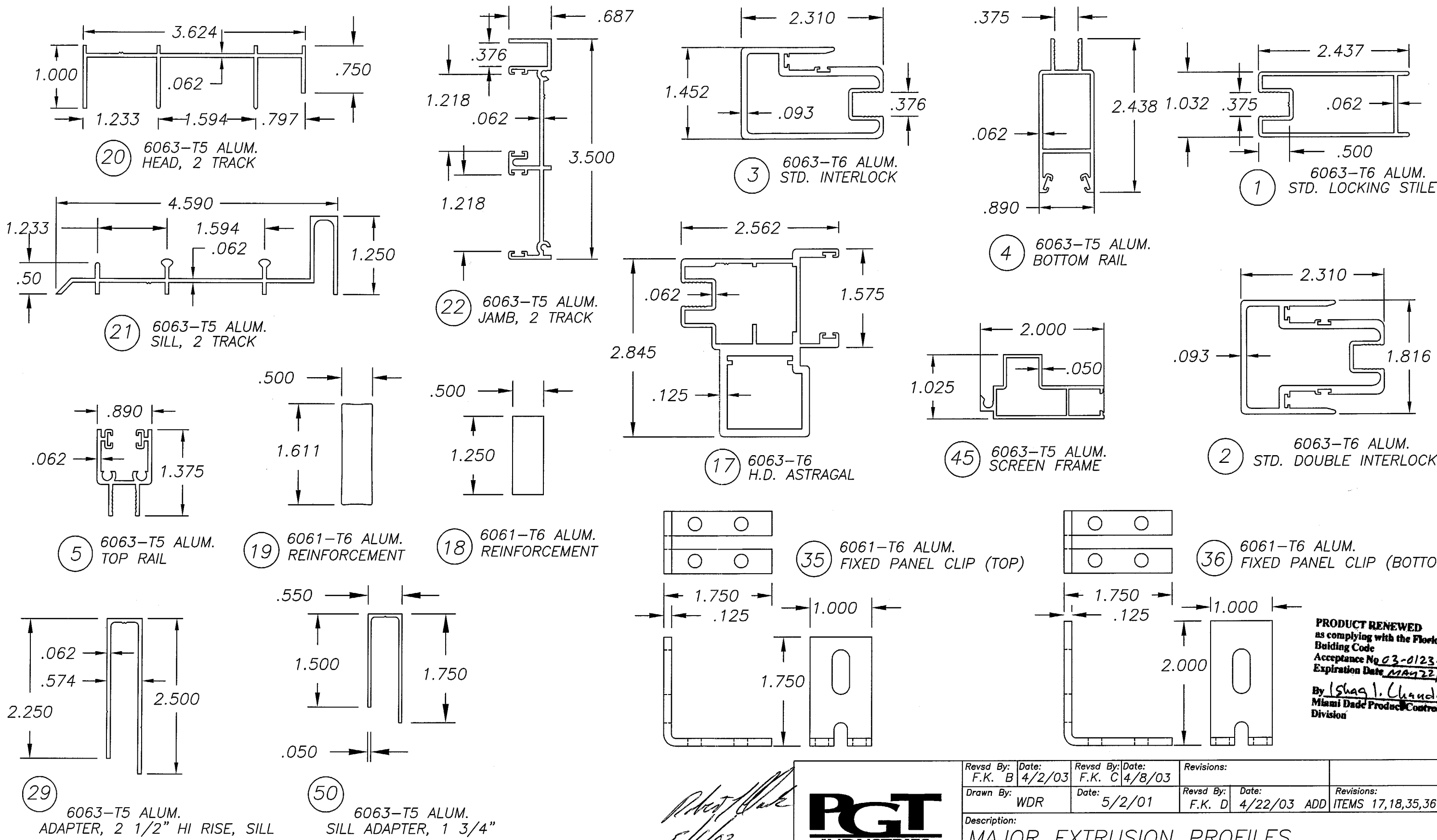
Robert L. Clark, P.E.
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1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: WDR	Date: 5/2/01	Revsd By: F.K. D	Date: 4/22/03	ADD	Revisions: ITEMS 17,18,35,36 & 50
Description: GLAZING DETAILS & BILL OF MAT'L					
Title: ALUMINUM SLIDING GLASS DOOR					
Series/Model: SGD-2500	Scale: NTS	Sheet: 5 of 9	Drawing No. 757	Rev: D	



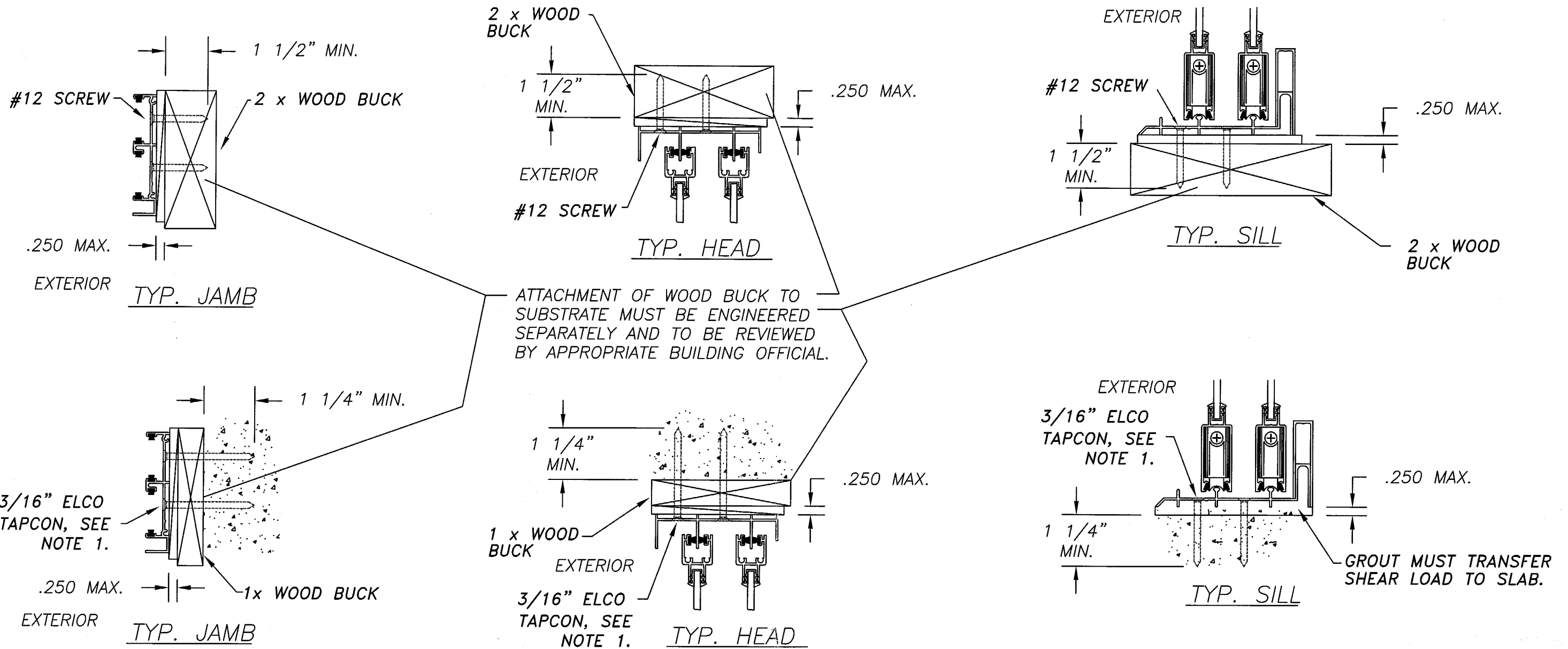
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 03-0123-08
Expiration Date MAY 22, 2008
By Ishag I. Chanda
Miami Dade Product Control
Division

NOTES:
1. ALL DIMENSIONS ARE IN INCHES.
2. REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3117, FTL-3596

Robert L. Clark
5/9/03
Robert L. Clark, P.E.
PE #39712
Structural



Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: WDR	Date: 5/2/01	Revsd By: F.K. D	Date: 4/22/03	ADD	Revisions: ITEMS 17,18,35,36 & 50
Description: MAJOR EXTRUSION PROFILES					
Title: ALUMINUM SLIDING GLASS DOOR					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SGD-2500	Scale: NTS	Sheet: 6 of 9	Drawing No. 757
					Rev: D



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By Ishag I. Chande
Miami Dade Product Control
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NOTES:

- 1.) SEE NOTE 4, SHEET 1 FOR ANCHOR SPACING.
- 2.) REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3117, FTL-3596

Robert L. Clark
5/6/03

Robert L. Clark, P.E.
PE #39712
Structural

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1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
SGD-2500

Scale:
NTS

Sheet:
7 of 9

Drawing No.
757

Rev:
D

Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: F.K.	Date: 7/13/01	Revsd By: F.K. D	Date: 5/2/03	Revisions:	CORRECT NOTATIONS
Description: ANCHORAGE DETAILS					
Title: ALUMINUM SLIDING GLASS DOOR					

COMPARATIVE ANALYSIS (BASED ON 2 1/2" SILL ADAPTER. POSITIVE 35 PSF MAX. WITH 1 3/4" SILL ADAPTER.)

- 1.) Negative Design Loads based on Comparative Analysis and Glass Tables ASTM E1300-98 (and ASTM E 1300-94 outside Miami-Dade County)
- 2.) Positive Design Loads based on Water Test Pressure and Glass Tables ASTM E 1300-98 (and ASTM E 1300-94 outside Miami-Dade County)
- 3.) Numbers are for #12 screws or 3/16" Elco Tapcons.
- 4.) Two anchors per location, 2 3/4" from each corner at head and sill, 6" from each corner at jambs and spaced as follows:
 - Max. 8" on each side of each meeting rail centerline.
 - Max. 16" spacing at head & sill.
 - Max. 14" spacing at jambs.
- 5.) Numbers in () parentheses are quantity of anchors per side.
- 6.) Door height and width must meet applicable FBC Code.

PRODUCT: SGD-2500
TEST REPORT: FTL-3102
GLASS TYPE: 1/4" TEMPERED
MAX. SIZE: 192.000 x 96.000 HIGH
REINFORCED: YES
(ALUM. ITEMS 18 & 19)

SEE NOTE 6 DOOR UNIT HEIGHT	DOOR UNIT WIDTHS (SEE NOTE 6)																	
	48.000 (8)		72.000 (12)		96.00 (16)		72.000 (12)		108.000 (18)		144.000 (22)		96.000 (16)		144.000 (24)		192.000 (28)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
72.000 (12)	-121.00	65.33	-97.50	65.33	-60.00	60.00	-121.00	65.33	-97.50	65.33	-60.00	60.00	-121.00	65.33	-97.50	65.33	-60.00	60.00
80.000 (12)	-109.60	65.33	-86.50	65.33	-60.00	60.00	-109.60	65.33	-86.50	65.33	-60.00	60.00	-109.60	65.33	-86.50	65.33	-60.00	60.00
96.000 (14)	-92.10	65.33	-70.70	65.33	-57.90	57.90	-92.10	65.33	-70.70	65.33	-57.90	57.90	-92.10	65.33	-70.70	65.33	-57.90	57.90
CONFIG. >	OX, XO, or XX						OXO or XXX						OXXO or XXXX					

COMPARATIVE ANALYSIS (BASED ON 2 1/2" SILL ADAPTER. POSITIVE 35 PSF MAX. WITH 1 3/4" SILL ADAPTER.)

- NOTES: 1.) Negative Design Loads based on Comparative Analysis and Glass Tables ASTM E1300-98 (and ASTM E 1300-94 outside Miami-Dade County)
- 2.) Positive Design Loads based on Water Test Pressure and Glass Tables ASTM E 1300-98 (and ASTM E 1300-94 outside Miami-Dade County)
- 3.) Numbers are for #12 screws or 3/16" Elco Tapcons.
- 4.) Two anchors per location, 2 3/4" from each corner at head and sill, 6" from each corner at jambs and spaced as follows:
 - Max. 8" on each side of each meeting rail centerline.
 - Max. 16" spacing at head & sill.
 - Max. 14" spacing at jambs.
- 5.) Numbers in () parentheses are quantity of anchors per side.
- 6.) Door height and width must meet applicable FBC Code.

PRODUCT: SGD-2500
TEST REPORT: FTL-3116
GLASS TYPE: 3/16" TEMPERED
MAX. SIZE: 192.000 x 96.000 HIGH
REINFORCED: YES
(ALUM. ITEM 18)

SEE NOTE 6 DOOR UNIT HEIGHT	DOOR UNIT WIDTHS (SEE NOTE 6)																	
	48.000 (8)		72.000 (12)		96.00 (16)		72.000 (12)		108.000 (18)		144.000 (22)		96.000 (16)		144.000 (24)		192.000 (28)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
72.000 (12)	-120.00	65.33	-88.89	65.33	-50.00	50.00	-120.00	65.33	-88.89	65.33	-50.00	50.00	-120.00	65.33	-88.89	65.33	-50.00	50.00
80.000 (12)	-105.88	65.33	-77.42	65.33	-50.00	50.00	-105.88	65.33	-77.42	65.33	-50.00	50.00	-105.88	65.33	-77.42	65.33	-50.00	50.00
96.000 (14)	-85.71	65.33	-61.54	61.54	-50.00	50.00	-85.71	65.33	-61.54	61.54	-50.00	50.00	-85.71	65.33	-61.54	61.54	-50.00	50.00
CONFIG. >	OX, XO, or XX						OXO or XXX						OXXO or XXXX					

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0123.08
Expiration Date MAY 21, 2008
By Ishag I. Chandra
Miami Dade Product Control
Division

NOTES:

- 1.) GENERAL: D/O HEIGHT = DOOR HEIGHT - 4.75"
D/O WIDTH = DOOR WIDTH - 3.75"
D/O = DAYLIGHT OPENING
- 2.) REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3596

Robert L. Clark
5/6/03

Robert L. Clark, P.E.
PE #39712
Structural



Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: F.K.	Date: 7/10/01	Revsd By: F.K. D	Date: 5/2/03	Revisions:	CORRECT NOTATIONS
Description: COMPARATIVE ANALYSIS W/ REINFORCEMENT					
Title: ALUMINUM SLIDING GLASS DOOR					
Series/Model: SGD-2500		Scale: NTS	Sheet: 8 of 9	Drawing No. 757	Rev: D

COMPARATIVE ANALYSIS (BASED ON 2 1/2" SILL ADAPTER, POSITIVE 35 PSF MAX. WITH 1 3/4" SILL ADAPTER.)

- NOTES: 1.) Negative Design Loads based on Comparative Analysis and Glass Tables ASTM E1300-98 (and ASTM E 1300-94 outside Miami-Dade County)
- 2.) Positive Design Loads based on Water Test Pressure and Glass Tables ASTM E 1300-98 (and ASTM E 1300-94 outside Miami-Dade County)
- 3.) Numbers are for #12 screws or 3/16" Elco Tapcons.
- 4.) Two anchors per location, 2 3/4" from each corner at head and sill, 6" from each corner at jambs and spaced as follows:
- Max. 8" on each side of each meeting rail centerline.
 - Max. 16" spacing at head & sill.
 - Max. 14" spacing at jambs.
- 5.) Numbers in () parentheses are quantity of anchors per side.
- 6.) Door height and width must meet applicable FBC Code.

PRODUCT: SGD-2500

TEST REPORT: FTL-3117

GLASS TYPE: 3/16" TEMPERED

MAX. SIZE: 192.000 x 96.000 HIGH

REINFORCED: NONE

SEE NOTE 6 DOOR UNIT HEIGHT	DOOR UNIT WIDTHS (SEE NOTE 6)																	
	48.000 (8)		72.000 (12)		96.00 (16)		72.000 (12)		108.000 (18)		144.000 (22)		96.000 (16)		144.000 (24)		192.000 (28)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
72.000 (12)	-84.00	65.33	-62.22	62.22	-35.00	35.00	-84.00	65.33	-62.22	62.22	-35.00	35.00	-84.00	65.33	-62.22	62.22	-35.00	35.00
80.000 (12)	-74.12	65.33	-54.19	54.19	-35.00	35.00	-74.12	65.33	-54.19	54.19	-35.00	35.00	-74.12	65.33	-54.19	54.19	-35.00	35.00
96.000 (14)	-60.00	60.00	-43.08	43.08	-35.00	35.00	-60.00	60.00	-43.08	43.08	-35.00	35.00	-60.00	60.00	-43.08	43.08	-35.00	35.00
CONFIG. >	OX, XO, or XX						OXO or XXX						OXXO or XXXX					

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 3-0123-08
Expiration Date MAY 22, 2008

By Ishag J. Chanda
Miami Dade Product Control
Division

NOTES:

- 1.) GENERAL: D/O HEIGHT = DOOR HEIGHT - 4.75"
D/O WIDTH = DOOR WIDTH - 3.75"
D/O = DAYLIGHT OPENING
- 3.) DESIGN PRESSURES UNDER 40 P.S.F NOT APPLICABLE
IN MIAMI-DADE COUNTY.
- 2.) REFERENCE TEST REPORTS: FTL-3102, FTL-3116, FTL-3596

Robert L. Clark
5/6/03

Robert L. Clark, P.E.
PE #39712
Structural



1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
SGD-2500

Scale:
NTS

Sheet:
9 of 9

Drawing No.
757

Rev:
D

Revsd By: F.K. B	Date: 4/2/03	Revsd By: F.K. C	Date: 4/8/03	Revisions:	
Drawn By: F.K.	Date: 7/10/01	Revsd By: F.K. D	Date: 5/2/03	Revisions:	CORRECT NOTATIONS
Description: COMPARATIVE ANALYSIS NO REINFORCEMENT					
Title: ALUMINUM SLIDING GLASS DOOR					